AUTHOR INDEX TO VOLUME 138

Abarbanel, H.D.I., R. Brown and J.B. Kadtke, Prediction and system identification in chaotic nonlinear systems: time series with broadband spectra 138 (1989) 401
Abraham, N.B., see M. Möller 138 (1989) 176
Adamashvili, G.T., Nonlinear surface acoustic waves in dielectrics 138 (1989) 304
Albert, D.Z., see G. Feinberg 138 (1989) 454
Alfimov, G.L., V.M. Eleonsky, N.E. Kulagin, L.M. Lehrmann and V.P. Silin, New stationary field distributions in nonlinear optics and mechanics of continuous media 138 (1989) 443
Anandan, J., Electromagnetic effects in the quantum interference of dipoles 138 (1989) 347
Angelov, Ch., see T. Troev 138 (1989) 65
Ansari, T.H., see M. Prasad 138 (1989) 61
Antolak, A.J., see N. Ozturk 138 (1989) 507
Armbruster, D. and G. Dangelmayr, Circuit induced oscillations of SNDC semiconductors 138 (1989) 46
Arora, A.K., see R. Kesavamoorthy 138 (1989) 208
Artemenko, S.N., I.G. Gorlova and Yu.I. Latyshev, Vortex motion and Kosterlitz–Thouless transition in superconducting single crystals $Bi_2Sr_2CaCu_2O_x$ 138 (1989) 428
Aydınlı, A., Y. Gündüç and C. Topaçl, Pulsed laser irradiation of silicon multilayers: a numerical model 138 (1989) 502

Barbara, B., J. Beille, B. Cheiato, A. Najib and S. Zemirli, On the residual resistivity of $CeAl_2$ and $CeCu_6$. Implications for the Kondo lattice model 138 (1989) 509
Bariev, R.Z., Exact solution of the two-sublattice vertex model 138 (1989) 173
Beille, J., see B. Barbara 138 (1989) 509
Berezin, A.A., Some effects of positional correlations of stable isotopes 138 (1989) 447
Bers, A., see A.K. Ram 138 (1989) 288
Bhandari, R., Synthesis of general polarization transformers. A geometrical phase approach 138 (1989) 469
Boardman, A.D., see D. Mihalache 138 (1989) 417
Borckmans, P., see G. Dewel 138 (1989) 189
Borgohain, P., see K.D. Krori 138 (1989) 536
Bouillaud, P., see J.P. Rivière 138 (1989) 223
Brenner, D.W., see J.W. Mintmire 138 (1989) 51
Brewe, D.L., see D.M. Pease 138 (1989) 230
Brown, R., see H.D.I. Abarbanel 138 (1989) 401
Budnick, J.I., see D.M. Pease 138 (1989) 230
Budzioch, J., see W. Soszka 138 (1989) 531
Bychenkov, V.Yu., V.P. Silin and V.T. Tikhonchuk, Singular vortex flows in plasmas with anisotropic pressure 138 (1989) 127

Callaway, J., see K. Unnikrishnan 138 (1989) 285
Carmesin, H.-O. and T.A. Vilgis, Limit $m=0$ of the m-vector spin glass 138 (1989) 227
Castán, T., A. Planes, G. Guénin and J.L. Macqueron, Aging behaviour of the elastic shear modulus C' in CuZnAl shape memory alloy 138 (1989) 147

Cheiato, B., see B. Barbara 138 (1989) 509
Chen, Y.T. and A. Cook, Mathematical behaviour around the stationary point of a gravitational ring 138 (1989) 378
Cheng, F.H., J.H. You and M. Yan, Cerenkov redshift and the redshift difference among broad emission lines of quasars and active galactic nuclei 138 (1989) 165
Cheng, L., see D. Zhang 138 (1989) 43
Cook, A., see Y.T. Chen 138 (1989) 378

Dangelmayr, G., see D. Armbruster 138 (1989) 46
Danil'chenko, B.A., D.V. Kazakovtsev and M.I. Slutskii, Phonon hot spot formation in GaAs under optical excitation 138 (1989) 77
Das, K., see K.D. Krori 138 (1989) 536
Däumer, W., H.R. Khan, U. Köbler and K. Lüders, Temperature dependent magnetic susceptibility and superconductivity of cubic Laves phase (C15) hydrides: $V_2Hf_{0.5}Zr_{0.5}H_x$ $(0 \leqslant x \leqslant 4.8)$ 138 (1989) 323
David, D., D.D. Holm and M.V. Tratnik, Horseshoe chaos in periodically perturbed polarized optical beam 138 (1989) 29
De Almeida, R.M.C. and J.R. Iglesias, Equilibrium states of 2D cellular structures 138 (1989) 253
Del Sordo, S. and F.M. Gelardi, Spin-echo decay in a glassy system at low temperature 138 (1989) 526
De Ritis, R., G. Platania, P. Scudellaro and C. Stornaiolo, A cosmological model with a non-minimal coupling 138 (1989) 95
Dewel, G. and P. Borckmans, Effects of slow spatial variations on dissipative structures 138 (1989) 189
Diep, H.T., Effects of quantum fluctuations in antiferromagnetic superlattices at low temperatures 138 (1989) 69
Ding, D., see Q. Jin 138 (1989) 513
Dorning, J.J., see J.P. Holloway 138 (1989) 279
Drzewinski, A. and J. Sznajd, Real space renormalization group study of the anisotropic quantum Heisenberg model on a square lattice 138 (1989) 143
Du, Q., see X. Mao 138 (1989) 136
Dufty, J.W., see M.H. Ernst 138 (1989) 391
Dunlap, B.I., see J.W. Mintmire 138 (1989) 51
Dyumin, A.N., B.B. Tokarev and M.F. Vlasov, Orientational dependence of single-crystal transmission coefficients for fast neutrons and gamma rays 138 (1989) 73

Edwards, C.M., see N.S. Sullivan 138 (1989) 329
Eleonsky, V.M., see G.L. Alfimov 138 (1989) 443
Elezović-Hadžić, S. and S. Milošević, Piecewise directed random walk on the Sierpinski gasket family of fractals 138 (1989) 481
Elsner, A., Interaction potential of a saturated fluid 138 (1989) 168
Ernst, M.H. and J.W. Dufty, Green–Kubo relations for lattice gas cellular automata 138 (1989) 391
Ershov, A.A., see D.V. Galt'sov 138 (1989) 160
Eymery, J.P., see J.P. Rivière 138 (1989) 223

Feinberg, G., D.Z. Albert and S. Lavine, Two types of prediction in Newtonian and quantum mechanics 138 (1989) 454
Feinstein, A. and J.M.M. Senovilla, Collision between variably polarized plane gravitational wave and a shell of null matter 138 (1989) 102

Ferry, D.K., see A.M. Kriman 138 (1989) 8
Filimonov, V.S., see A.V. Malakhovskii 138 (1989) 412
Fomin, S.P., see N.V. Laskin 138 (1989) 309
Frank, W., see S.U. Vallerien 138 (1989) 219
Freeman, N.C. and J. Satsuma, Exact solutions describing an interaction of pulses with compact support in a nonlinear diffusive system 138 (1989) 110
Friedberg, R. and T.D. Lee, Boson–fermion model of superconductivity 138 (1989) 423
Fujita, T., A dc discharge characteristic in a magnetic multipole plasma device 138 (1989) 299

Galt'sov, D.V. and A.A. Ershov, Non-Abelian baldness of colored black holes 138 (1989) 160
García D., A., Colliding wave generalization of the Ferrari–Ibañez solution in the Einstein–Maxwell theory 138 (1989) 370
Gelardi, F.M., see S. Del Sordo 138 (1989) 526
Giavarini, G., E. Gozzi, D. Rohrlich and W.D. Thacker, On removing Berry's phase 138 (1989) 235
Goncharov, E.A., see A.V. Malakhovskii 138 (1989) 412
Gordon, P.E., Can empty waves be detected? 138 (1989) 359
Gorlova, I.G., see S.N. Artemenko 138 (1989) 428
Gozzi, E., see G. Giavarini 138 (1989) 235
Grøn, Ø. and H.H. Soleng, Dynamical instability of the González-Díaz black hole model 138 (1989) 89
Guénin, G., see T. Castán 138 (1989) 147
Gündüç, Y., see A. Aydınlı 138 (1989) 502

Han, R., see D. Yin 138 (1989) 318
Henkel, M. and J. Lacki, Integrable chiral Z_n quantum chains and a new class of trigonometric sums 138 (1989) 105
Herrera, L. and J. Ibáñez, Junction conditions on surface layers for radiating fluid spheres with heat flow 138 (1989) 1
Hirsch, J.E., Coulomb attraction between Bloch electrons 138 (1989) 83
Hofer, D. and W. Stocker, A Dirac particle in a scalar potential depending on one spatial coordinate 138 (1989) 463
Holloway, J.P. and J.J. Dorning, Undamped longitudinal plasma waves 138 (1989) 279
Holm, D.D., see D. David 138 (1989) 29
Hübner, U., see M. Möller 138 (1989) 176

Ibáñez, J., see L. Herrera 138 (1989) 1
Iglesias, J.R., see R.M.C. de Almeida 138 (1989) 253
Ishikaev, S.M., see A.G. Klimenko 138 (1989) 439
Ivanchenko, Yu.M. and Yu.E. Kuzovlev, Electron states and conductivity near the mobility edge in "white noise" random potential 138 (1989) 387
Ivanov, D.Yu., A.F. Kostko and V.A. Pavlov, Multiple scattering spectra in strongly scattering media: diffusion and non-diffusion contributions to spectrum halfwidth 138 (1989) 339
Iwase, A., see J. Tateno 138 (1989) 313

Jiang, Q., see Z.-Y. Li 138 (1989) 247
Jin, C., see C. Rau 138 (1989) 334
Jin, Q., D. Ding, G. Li and D. Wang, Equation of state and electronic transfer for Al, Cu, Pb and Ta under ultrahigh pressures 138 (1989) 513

Joshi, N.V., see A. Serfaty 138 (1989) 343
Jurčo, B., Integrable generalizations of non-linear multiple three-wave interaction models 138 (1989) 497

Kadtke, J.B., see H.D.I. Abarbanel 138 (1989) 401
Kapitza, H., see S.U. Vallerien 138 (1989) 219
Kazakovtsev, D.V., see B.A. Danil'chenko 138 (1989) 77
Kesavamoorthy, R., B.V.R. Tata, A.K. Arora and A.K. Sood, Freezing criterion for liquid to crystalline transition in charged colloidal suspensions 138 (1989) 208
Ketoja, J.A. and O.-P. Piirilä, Fibonacci bifurcation sequences and the Cvitanović–Feigenbaum functional equation 138 (1989) 488
Khainovskii, N.G., see A.G. Klimenko 138 (1989) 439
Khan, H.R., see W. Däumer 138 (1989) 323
Kholodenko, A.L., New path integral treatment of liquid–gas transition 138 (1989) 13
Kholodenko, A.L. and C. Qian, Flory–Huggins approximation and beyond from the path integral 138 (1989) 19
Khomskii, D.I., Suppression of local-pair superconductivity by real phonons 138 (1989) 435
Kleinert, H., Relation between fluctuation pressure and X-ray structure of stack of membranes 138 (1989) 201
Klimenko, A.G., S.M. Ishikaev, E.V. Matizen, L.P. Kozeeva, A.A. Pavljuk and N.G. Khainovskii, Magnetic susceptibility anisotropy of single crystals of $GdBa_2Cu_3O_{7-y}$ 138 (1989) 439
Köbler, U., see W. Däumer 138 (1989) 323
Kostko, A.F., see D.Yu. Ivanov 138 (1989) 339
Kozeeva, L.P., see A.G. Klimenko 138 (1989) 439
Kremer, F., see S.U. Vallerien 138 (1989) 219
Kriman, A.M., J. Zhou and D.K. Ferry, Statistical properties of hard-wall potentials 138 (1989) 8
Krori, K.D., P. Borgohain and K. Das, Interior Schwarzschild-like solution in higher dimensions. Phys. Lett. A 132 (1988) 321. Erratum 138 (1989) 536
Kulagin, N.E., see G.L. Alfimov 138 (1989) 443
Kupfer, K., see A.K. Ram 138 (1989) 288
Kuzovlev, Yu.E., see Yu.M. Ivanchenko 138 (1989) 387
Kwaśny, S., see W. Soszka 138 (1989) 531

Lacki, J., see M. Henkel 138 (1989) 105
Ladouceur, H.D., see J.W. Mintmire 138 (1989) 51
Lange, W., see M. Möller 138 (1989) 176
Laskin, N.V., S.P. Fomin and N.F. Shul'ga, Dechanneling kinetics under dynamic chaos conditions 138 (1989) 309
Latyshev, Yu.I., see S.N. Artemenko 138 (1989) 428
Lavine, S., see G. Feinberg 138 (1989) 454
Law, C.C., see D.M. Pease 138 (1989) 230
Lawandy, N.M., see D.V. Plant 138 (1989) 301
Lee, T.D., see R. Friedberg 138 (1989) 423
Lehrmann, L.M., see G.L. Alfimov 138 (1989) 443
Leonardi, C. and F. Seminara, Spontaneous emission of two dipolarly coupled atoms in a damped cavity 138 (1989) 197
Li, G., see Q. Jin 138 (1989) 513
Li, Z.-Y. and Q. Jiang, Cluster expansion and path-integral methods for the transverse Ising model 138 (1989) 247

Lim, C.C., Canonical transformations and graph theory 138 (1989) 258
Ling, F.H., On the fractal dimensions of a combined fractal set 138 (1989) 25
Liu, H., see X. Mao 138 (1989) 136
LoSecco, J.M., G.E.A. Matsas, A.A. Natale and J.A.F. Pacheco, Pulsar test of a violation of discrete symmetries in gravitation 138 (1989) 5
Lozovik, Yu.E. and V.A. Mandelshtam, 2D dipole system in a strong field 138 (1989) 204
Lu, N., see S.-Y. Zhu 138 (1989) 55
Lüders, K., see W. Däumer 138 (1989) 323

MacKay, R.S. and J. Stark, Evaluation of an approximate renormalisation scheme for area-preserving maps 138 (1989) 113
Macqueron, J.L., see T. Castán 138 (1989) 147
Malakhovskii, A.V., V.S. Filimonov and E.A. Goncharov, Exciton–magnon absorption of light in $MnCO_3$ above the Néel temperature 138 (1989) 412
Mandelshtam, V.A., see Yu.E. Lozovik 138 (1989) 204
Mao, X., H. Liu, Q. Du, W. Zhang, Z. Mao, L. Zhou, Y. Wang and Y. Zhang, The influence of Pb composition on the upper critical magnetic field of $Bi_{1.9-x}Pb_xSb_{0.1}Sr_2Ca_2Cu_3O_y$ system 138 (1989) 136
Mao, Z., see X. Mao 138 (1989) 136
Martin, J., see A. Serfaty 138 (1989) 343
Masaki, N., see J. Tateno 138 (1989) 313
Matizen, E.V., see A.G. Klimenko 138 (1989) 439
Matsas, G.E.A., see J.M. LoSecco 138 (1989) 5
Miękisz, J., Toward a microscopic model of a quasicrystal 138 (1989) 415
Mihalache, D., R.-P. Wang and A.D. Boardman, Transverse electric polarized nonlinear guided waves in multilayer structures 138 (1989) 417
Millev, Y.T. and D.I. Uzunov, On the critical behaviour of anisotropic superconductors 138 (1989) 523
Milošević, S., see S. Elezović-Hadžić 138 (1989) 481
Mincov, I., see T. Troev 138 (1989) 65
Mintmire, J.W., B.I. Dunlap, D.W. Brenner, R.C. Mowrey, H.D. Ladouceur, P.P. Schmidt, C.T. White and W.E. O'Grady, Chemical forces associated with deuterium confinement in palladium 138 (1989) 51
Miraglia, J.E., see V.D. Rodríguez 138 (1989) 123
Mitschke, F., see M. Möller 138 (1989) 176
Mizrahi, S.S., The geometrical phase: an approach through the use of invariants 138 (1989) 465
Möller, M., W. Lange, F. Mitschke, N.B. Abraham and U. Hübner, Errors from digitizing and noise in estimating attractor dimensions 138 (1989) 176
Morita, T., Expressions of the distribution functions in the cluster variation method 138 (1989) 485
Mowrey, R.C., see J.W. Mintmire 138 (1989) 51
Mukunda, N., see R. Simon 138 (1989) 474

Najib, A., see B. Barbara 138 (1989) 509
Nakamura, K., Microscopic simulation of chaotic current fluctuations in a two-valley semiconductor 138 (1989) 396
Natale, A.A., see J.M. LoSecco 138 (1989) 5

O'Grady, W.E., see J.W. Mintmire 138 (1989) 51

Olariu, S., Quantum effects of electric fluxes in multiparticle systems 138 (1989) 363
Omnès, R., The Einstein–Podolsky–Rosen problem: a new solution 138 (1989) 157
Ovchinnikov, A.A. and A.V. Zabrodin, Spin correlation function of a one-dimensional Fermi gas with strong interaction 138 (1989) 139
Ozturk, N., W. Williamson Jr. and A.J. Antolak, Electronic stopping power of ions in solids 138 (1989) 507

Pacheco, J.A.F., see J.M. LoSecco 138 (1989) 5
Palleschi, V. and M.R. Torquati, Mean first passage time for bound non-Markovian stochastic processes with superimposed shot noise 138 (1989) 381
Pandit, A.K., see M. Prasad 138 (1989) 61
Papachristou, C.J., Nonlocal currents for the self-dual Yang--Mills equation 138 (1989) 493
Pavljuk, A.A., see A.G. Klimenko 138 (1989) 439
Pavlov, V.A., see D.Yu. Ivanov 138 (1989) 339
Pease, D.M., D.L. Brewe, Z. Tan, J.I. Budnick and C.C. Law, Accurate X-ray absorption spectra obtained from concentrated bulk samples by fluorescence detection 138 (1989) 230
Piirilä, O.-P., see J.A. Ketoja 138 (1989) 488
Planes, A., see T. Castán 138 (1989) 147
Plant, D.V. and N.M. Lawandy, Spontaneous polarization changes in β-quinol:CH_3OH clathrates 138 (1989) 301
Platania, G., see R. de Ritis 138 (1989) 95
Prasad, M., A.K. Pandit, T.H. Ansari, R.A. Singh and B.M. Wanklyn, Electrical transport properties of $EuVO_4$ single crystal 138 (1989) 61
Prasanna, A.R. and K.S. Virbhadra, Spinning charged particle in an electromagnetic field on curved space–time 138 (1989) 242

Qian, C., see A.L. Kholodenko 138 (1989) 19

Rafii-Tabar, H., Real Feynman-like stochastic paths in the Bohm–Vigier causal–stochastic model of quantum mechanics 138 (1989) 353
Rall, M., see N.S. Sullivan 138 (1989) 329
Ram, A.K., A. Bers and K. Kupfer, Periodic interactions of charged particles with spatially localized fields 138 (1989) 288
Ramm, A.G., An inverse problem for Maxwell's equation 138 (1989) 459
Rau, C., C. Jin and M. Robert, Novel magnetic surface anisotropies and critical behavior of Tb(0001)/W(110) films 138 (1989) 334
Rivière, J.P., P. Bouillaud and J.P. Eymery, Spin orientation induced by Xe ion irradiation in thin $Fe_{60}Co_{40}$ films 138 (1989) 223
Robert, M., see C. Rau 138 (1989) 334
Rodríguez, V.D. and J.E. Miraglia, Scaling properties in hydrogen excitation by multiply charged ions at intermediate energies 138 (1989) 123
Rogers, C., Elliptic warm core theory: the pulsrodon 138 (1989) 267
Rohrlich, D., see G. Giavarini 138 (1989) 235
Rozhkov, S.S. and O.G. Vikhlii, Topological and nontopological solitons in condensed matter 138 (1989) 183
Rubinstein, M., see X.R. Wang 138 (1989) 274

Satsuma, J., see N.C. Freeman 138 (1989) 110

Schmidt, P.P., see J.W. Mintmire 138 (1989) 51
Schumann, R., On the functional integral method applied to models with Hubbard type interaction 138 (1989) 151
Scudellaro, P., see R. de Ritis 138 (1989) 95
Seminara, F., see C. Leonardi 138 (1989) 197
Senovilla, J.M.M., see A. Feinstein 138 (1989) 102
Serfaty, A., J. Martin and N.V. Joshi, A new method to resolve transient photoresponse involving the sum of exponential terms 138 (1989) 343
Shanks, N., see W.D. Sharp 138 (1989) 451
Shapir, Y., see X.R. Wang 138 (1989) 274
Sharp, W.D. and N. Shanks, The curious quantum statistics in the interval between measurements 138 (1989) 451
Shivamoggi, B.K., Charney–Hasegawa–Mima equation: a general class of exact solutions 138 (1989) 37
Shukla, P.K., Generation of quasistatic magnetic fields by electron-cyclotron waves in a nonuniform collisional magnetoplasma 138 (1989) 295
Shul'ga, N.F., see N.V. Laskin 138 (1989) 309
Silin, V.P., see V.Yu. Bychenkov 138 (1989) 127
Silin, V.P., see G.L. Alfimov 138 (1989) 443
Simon, R. and N. Mukunda, Universal SU(2) gadget for polarization optics 138 (1989) 474
Singh, R.A., see M. Prasad 138 (1989) 61
Slutskii, M.I., see B.A. Danil'chenko 138 (1989) 77
Soleng, H.H., see Ø. Grøn 138 (1989) 89
Sood, A.K., see R. Kesavamoorthy 138 (1989) 208
Soszka, M., see W. Soszka 138 (1989) 531
Soszka, W., S. Kwaśny, J. Budzioch and M. Soszka, Behaviour of xenon atoms on cold metal targets studied by ion reflection and ion–electron emission methods 138 (1989) 531
Stark, J., see R.S. MacKay 138 (1989) 113
Stocker, W., see D. Hofer 138 (1989) 463
Stornaiolo, C., see R. de Ritis 138 (1989) 95
Sullivan, N.S., D. Zhou, M. Rall and C.M. Edwards, Pressure dependence of tunneling of isotopic impurities in solid parahydrogen 138 (1989) 329
Sznajd, J., see A. Drzewinski 138 (1989) 143

Tan, Z., see D.M. Pease 138 (1989) 230
Tata, B.V.R., see R. Kesavamoorthy 138 (1989) 208
Tateno, J., N. Masaki and A. Iwase, Electronic properties in La_2CuO_4 at low temperatures 138 (1989) 313
Thacker, W.D., see G. Giavarini 138 (1989) 235
Tikhonchuk, V.T., see V.Yu. Bychenkov 138 (1989) 127
Tokarev, B.B., see A.N. Dyumin 138 (1989) 73
Topaçli, C., see A. Aydınlı 138 (1989) 502
Torquati, M.R., see V. Palleschi 138 (1989) 381
Tratnik, M.V., see D. David 138 (1989) 29
Troev, T., Ch. Angelov and I. Mincov, Positron annihilation measurements of quenched-in defects in Ni 138 (1989) 65

Unnikrishnan, K. and J. Callaway, Asymptotic form of the local optical potential for electron–atom scattering 138 (1989) 285

Uzunov, D.I., see Y.T. Millev 138 (1989) 523

Vallerien, S.U., F. Kremer, H. Kapitza, R. Zentel and W. Frank, Field dependent soft and Goldstone mode in a ferroelectric liquid crystal as studied by dielectric spectroscopy 138 (1989) 219
Vause III, C.A., A phenomenological renormalization group approach to electrical conductivity with application to high-T_c superconductors 138 (1989) 131
Vikhlii, O.G., see S.S. Rozhkov 138 (1989) 183
Vilgis, T.A., see H.-O. Carmesin 138 (1989) 227
Virbhadra, K.S., see A.R. Prasanna 138 (1989) 242
Vlasov, M.F., see A.N. Dyumin 138 (1989) 73
Volkov, A.F., Abrikosov vortices in a Josephson vortex lattice 138 (1989) 213

Wang, D., see Q. Jin 138 (1989) 513
Wang, G.M., see H. Zhang 138 (1989) 517
Wang, R.-P., see D. Mihalache 138 (1989) 417
Wang, X.R., Y. Shapir and M. Rubinstein, Kinetic renormalization group approach to diffusion limited aggregation 138 (1989) 274
Wang, Y., see X. Mao 138 (1989) 136
Wanklyn, B.M., see M. Prasad 138 (1989) 61
White, C.T., see J.W. Mintmire 138 (1989) 51
Williamson Jr., W., see N. Ozturk 138 (1989) 507
Wils, P., Perfect fluid behaviour of massive neutrinos 138 (1989) 375

Yan, M., see F.H. Cheng 138 (1989) 165
Yang, X. and X. Zheng, Squeezing of the square of the field amplitude in the multiphoton Jaynes–Cummings model 138 (1989) 409
Yin, D., R. Han and W. Zhang, Estimation of possible interlayer Cooper pairing in high-T_c oxides 138 (1989) 318
Yonei, K., A relativistic Thomas–Fermi model of compressed atoms 138 (1989) 193
You, J.H., see F.H. Cheng 138 (1989) 165

Zabrodin, A.V., see A.A. Ovchinnikov 138 (1989) 139
Zemirli, S., see B. Barbara 138 (1989) 509
Zentel, R., see S.U. Vallerien 138 (1989) 219
Zhang, D. and L. Cheng, Prolongation structure of the deformed anisotropic Heisenberg model 138 (1989) 43
Zhang, H., G.M. Wang and Q.R. Zhang, Mössbauer effect and structure of the $YBa_2Cu_{3-x}Sn_xO_{7-y}$ system 138 (1989) 517
Zhang, Q.R., see H. Zhang 138 (1989) 517
Zhang, W., see X. Mao 138 (1989) 136
Zhang, W., see D. Yin 138 (1989) 318
Zhang, Y., see X. Mao 138 (1989) 136
Zheng, X., see X. Yang 138 (1989) 409
Zhou, D., see N.S. Sullivan 138 (1989) 329
Zhou, J., see A.M. Kriman 138 (1989) 8
Zhou, L., see X. Mao 138 (1989) 136
Zhu, S.-Y. and N. Lu, Positive P representation approach for a two-photon correlated-spontaneous-emission laser 138 (1989) 55